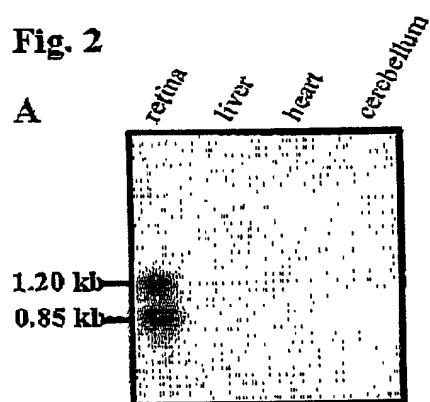


Fig. 2

A



B

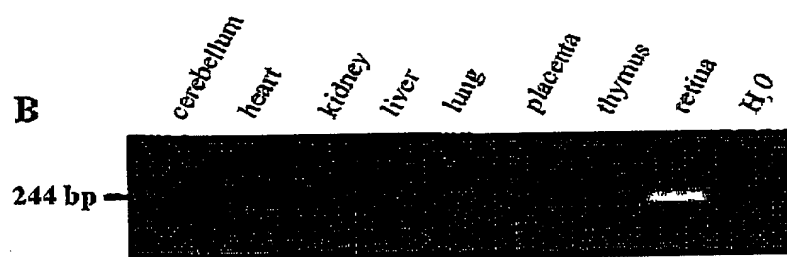
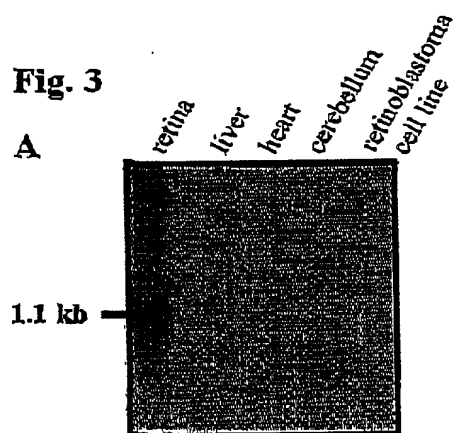


Fig. 3

A



B

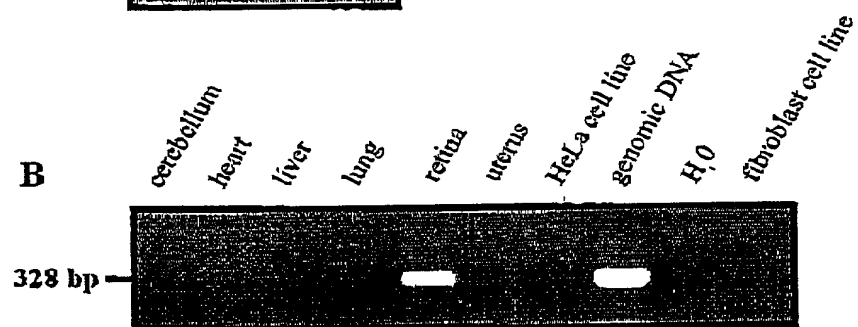


Fig. 4

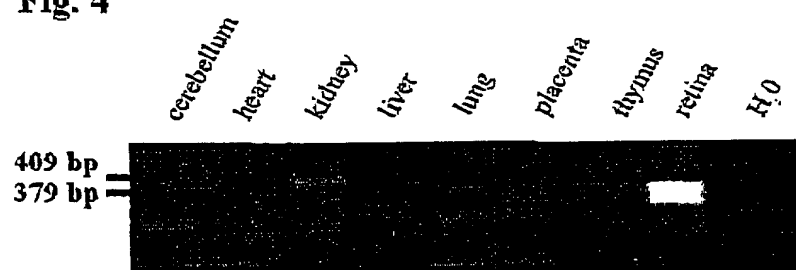


Figure 5

Seq. ID No. 1

GAGATTTTATCGGGAGCAGTGAGGTGACTTTGGCAGCTAACAGGCCACTAGTATC
 CTACTAAAGCTTTTGTCTGGATAGGAGCAACATGCATGTTTACAGTCTTGACAGTG
 TGCTGAGAGCTGGTGGCCAGTGGGACTGAGTGAGCTGTGTGCCGTGTATTGACCC
 GCTTCCTAGTCCTGAATTCCTTTTTCAGAAGCTCCGGCAGGGAGGATGATACAGTCA
 GACAAAGGAGCAGATCCACCAGACAAGAAGGACATGAAGCTTTCTACAGCCACCA
 ATCCACAGAATGGCCTCTCCCAGATCCTGAGGCTTGTGCTGCAAGAGCTGAGTCT
 GTTCTACAGCAGAGATGTGAATGGAGTGTGTCTCTTGTACGATCTCCTCCACTCG
 CCGTGGCTTCAGGCTCTGCTAAAGATTTATGACTGCCTCCAGGAATTTAAAGAAA
 AGAAACTAGTTCCTGCCACACCACATGCACAGGTGTTATCCTATGAGGTAGTGGA
 GTTATTACGTGAAACCCCTACTTCCCCTGAGATCCAAGAGCTGAGACAAATGCTC
 CAGGCTCCACACTTCAAGGCCTTGCTCAGTGCCCATGACACGATAGCTCAGAAAG
 ATTTTGAACCCCTTCTCCCTCCACTGCCAGACAATATCCCTGAGAGTGAGGAAGC
 AATGAGGATTGTTTGTGTTAGTGAAAAACCAACAGCCCCTGGGAGCCACCATCAAG
 CGCCACGAGATGACAGGGGACATCTTGGTGGCCAGGATCATCCACGGTGGGCTGG
 CGGAGAGAAGTGGGTGCTATATGCTGGAGACAACTGGTAGAAGTGAATGGAGT
 TTCAGTTGAGGGACTGGACCCTGAACAAGTGATCCATATTCTGGCCATGTCTCGA
 GGCACAATCATGTTCAAGGTGGTTCCAGTCTCTGACCCTCCTGTGAATAGCCAGC
 AGATGGTGTACGTCCGTGCCATGACTGAGTACTGGCCCCAGGAGGATCCCGACAT
 CCCCTGCATGGACGCTGGATTGCCTTTCAGAAGGGGGACATCCTCCAGATTGTG
 GACCAGAATGATGCCCTCTGGTGGCAGGCCCGAAAAATCTCAGACCCTGCTACCT
 GCGCTGGGCTTGTCCCTTCTAACCACCTTCTGAAGAGGAAGCAACGGGAATTCTG
 GTGGTCTCAGCCGTACCAGCCTCACACCTGCCTCAAGTCAACCCTATCAATTTCT
 ATGGAAGAAGAAGATGACATGAAGATTGATGAGAAATGTGTGGAAGCAGATGAAG
 AAACATTTGAATCTGAGGAACCTTTCAGAAGACAAGGAGGAGTTTGTGGCTACGG
 TCAGAAGTTCCTTTATAGCTGGCTTCCGCCGAGCATGCGCCTTTGTGCGAGGAAG
 TCTCACCTCAGCCCGCTGCATGCCAGTGTGTGCTGCACCGGCAGCTGCTACAGTG
 CAGTGGGTGCCCCCTTACGAGGAGGTGGTGAAGTACCAGCGACGCCCTTCAGACAA
 GTACCGCCTCATAGTGCTCATGGGACCCTCTGGTGTGAGTAAATGAGCTCAGA
 AGACAACCTTATTGAATTTAATCCAGCCATTTTCAAAGTGCTGTGCCACACACTA
 CTCGTACTAAAAAGAGTTACGAAATGAATGGGCGTGAGTATCACTATGTGTCCAA
 GGAAACATTTGAAAACCTCATATATAGTCACAGGATGCTGGAGTATGGTGAGTAC
 AAAGGCCACCTGTATGGCACTAGTGTGGATGCTGTTCAAACAGTCCTTGTGCAAG
 GAAAGATCTGTGTCATGGACCTAGAGCCTCAGGATATTCAAGGGGTTTCAACCCA
 TGAAGTGAAGCCCTATGTCATATTTATAAAGCCATCGAATATGAGGTGTATGAAA
 CAATCTCGGAAAAATGCCAAGGTATTACTGACTACTATGTGGACATGAAGTTCA
 AGGATGAAGACCTACAAGAGATGGAAAAATTTAGCCCAAAGAATGGAACTCAGTT
 TGGCCAATTTTTTGATCATGTGATTGTGAATGACAGCTTGCACGATGCATGTGCC
 CAGTTGTTGTCTGCCATACAGAAGGCTCAGGAGGAGCCTCAGTGGGTACCAGCAA
 CATGGATTTCTCAGATACTGAGTCTCAATGAGACTTCTTGTGTTAATGCTGGAGT
 TTTAACACTGTACCCTTGATACAGCGATCCATAGTTGCAATCTAAACAACAGTA
 TTTGACCCATTTTAAATGTGTACAACCTTTAAAAGTGCAGCAATTTATTAATTAATC
 TTATTTGAAAAAATTTTTATTGTATGGTTATGTGGTTACCTATTTTAACTTAAT
 TTTTTTTCCTTTACCTCATATGCAGCTGTGGTAGAAATATGAATAATGTTAAGTC
 ACTGAGTATGAGAACCTTTTCGAGATTTACATGATCTTTTTAAGATTTAAATAA
 AGAGCTTTCCTAAAT

Figure 6a**Seq. ID No. 2**

GAGATTTTATCGGGAGCAGTGAGGTGACTTTGGCAGCTAACAGGCCACTAGTATC
 CTACTAAAGCTTTTGTCTGGATAGGAGCAACATGCATGTTTACAGTCTTGACAGgt
 aagagaccttggcaaataatcctcagttaccagaagatgtatccataactgccta
 gcttgccctgtcagtttttaataagctaaagatataaatctgggtaatctaactcaa
 atggccttagtttcattttaactcaaatagatatggggaattttatgatccttgaaag
 agcaggttttgcttcgagaagccatttcttcagtatggaataatg

Seq. ID No. 3

aaacatggaggttagggggagcattttatgcaatagtcgttttctctttcacgcca
 ctggtgatggttaagagtaggcaccacaggggaagactgtgtttcatttgatgtg
 tatcccagtggttagcacagggcctggccttgctgaggaaatgctattgaaaatat
 attccagTGTGCTGAGAGCTGGTGGCCAGTGGGACTGAGTGAGCTGTGTGCCGTG
 TATTGACCCGCTTCCTAGTCCTGAATTCCTTTCAGAAGCTCCGGCAGGGAGGATG
 ATACAGTCAGACAAAGGAGCAGATCCACCAGACAAGAAGGACATGAAGCTTTCTA
 CAGCCACCAATCCACAGAATGgtatgtgtcaccaggactccttttctagaccaga
 aagtaatatcacctctgacatgtgatcaaatgaataggcagaaatcctgacagac
 ttactgtgatccctatgaggatcctgtacatttttggttgccactactgccctacc
 agtgataactttaagaa

Seq. ID No. 4

acaaagtaagaggtggaacagggccttgaagtcagatcttttggcctgagatccag
 tgtcattttccactcctggtgagaccccatggcatgccccagctatctgagttgcc
 tttcacatttacacccgcacctgccaccccatctctgctctcttctcttctctagG
 CCTCTCCAGATCCTGAGGCTTGTGCTGCAAGAGCTGAGTCTGTTCTACAGCAGA
 GATGTGAATGGAGTGTGTCTCTTGTACGATCTCCTCCACTCGCCGTGGCTTCAGG
 CTCTGCTAAAGgtgagtgcttctttgctcggaagcctttgcttgctgaaggggtt
 gtggggagtggttagaaaaatgacagcttcagtcattcaggctggatagtggaaat
 agtttataaacaacagaaattgatatctcacagttctgtaggccaggaagtccaa
 aatccagt

Seq. ID No. 5

taagcttttgaagcatcgggggccaccaaactcaagttcatttctctttggcaact
 agagacacaacttactaaacaccaaccacaccgtgctgtgcagccattggtgcag
 ttgcctgggggtgtttcttctctttgagagtccttaaatccaaaatggcaatagtca
 tattatcaatatcaattctccctcccttgctccttctgcagATTTATGACTGCCTC
 CAGGAATTTAAAGAAAAGAACTAGTTCTGCCACACCACATGCACAGGTGTTAT
 CCTATGAGgtaaggagattttattccacaggatagtagagctctgatgtggtgcc
 attttccccacattgctagttcaaataaattgaattaaaggttctaaggaaaagttttat
 tgatgactatgcatctaataaatgttttctaattgaactttaataaaggaagaac
 attggctg

Figure 6b**Seq. ID No. 6**

ggtaggcctttaatggatggcctttatagatgaaaaagaaggctccagtaatagctt
 tttaaagggtcaatatcatgttagtatgtatgttatccagcctgggtgaggttaag
 taggtgataaagatttttttaaattttttataatgtatccttttccatgaaccag**G**
TAGTGGAGTTATTACGTGAAACCCCTACTTCCCCTGAGATCCAAGAGCTGAGACA
AATGCTCCAGGCTCCACACTTCAAGgcaagtgcctgctaaaatagaaaagatgtc
 cccatctggcacatagacaaagttgggaaggagaaatatatgtgatggaaaatgt
 tctctctgaatagatgttctattactgtacacggttactgaccaacagattgta

Seq. ID No. 7

cgcactgtgtctggcatgtctgtattgggtgtttgttgttgttgctgtgtcttaga
 tagtattgagttactatcttctagaggggtttggcccatgtgtgacatttgctca
 ccttttccttccctgtgcccag**GCCTTGCTCAGTGCCCATGACACGATAGCTCAG**
AAAGATTTTGAACCCCTTCTCCCTCCACTGCCAGACAATATCCCTGAGAGTGAGG
AAGCAATGAGGATTGTTTGTGTTAGTGAAAAACCAACAGCCCCTGgtaaggaaatc
 attttttatctttccatttagggtaagccttaggttaattgtgaaccaaattatat
 ctagtgggttacttgggcagtagccttgccctgcgatcacatatacagtgataataa
 cggctgtcaactctgcaagttttgcctgtggtttcaaacatattacatgtcacgg
 tgttttct

Seq. ID No. 8

cattgattgaaagaccagagctgcattgattgaaagaccagagctgcattgattg
 aaagaccagagctgcattgattgaaagaccagagctgcattgattgagggaaagcc
 acctggaaaatggtcatgtcaggtaacagagggatctcgtctattctctcttcag
GGAGCCACCATCAAGCGCCACGAGATGACAGGGGACATCTTGGTGGCCAGGATCA
TCCACGGTGGGCTGGCGGAGAGAAGTGgtaagctggagcagctgggattgagagt
 taccagaaaaacaggaaacccttgactgtttaggcttctttctagagaaatccct
 ttttttcttttttttttttttttttttttttttttttgagatggagtccttgctctgtcg
 ccagggctggagtgtagtggcgtgatctcggctcactgcaagctccacctctggg
 gtttgcca

Seq. ID No. 9

atgtaagttggaataaccagctttcttttctattattattttatattaaacattt
 ttagagcatgcttggttagtgagttaaatagctatcgaggtagctactgctatt
 tttatcctacttctttgtatctttctttgtttttttgttactgtctgcctag**GGTT**
GCTATATGCTGGAGACAACTGGTAGAAGTGAATGGAGTTTCAGTTGAGGGACTG
GACCCTGAACAAGTGATCCATATTCTGgtaaatcttcttttttgccctttttgttaa
 tgacttgagaaatgccaaggctgaactgggaccatcaagcccagtggtgtgcac
 tgggatgtaccggggactcaagttctcttggcagctttctccctccaggctcca
 gacctgtctgtcacccatgtcacttgctgacctccctcctctaccccagagaagt
 tctggtcc

Figure 6c**Seq. ID No. 10**

ccatttctggatggtgacagctgcagagcccttgtgaaaggctcttgggggattt
 taccatgagacctggatacattgcactgtaactctgtccaccgagccccagtaac
 cctgctagctccatgattgtcatcctttctcctctcttattttccag**GCCATGTC**
TCGAGGCACAATCATGTTCAAGGTGGTTCAGTCTCTGACCCTCCTGTGAATAGC
CAGCAGATGgtaagaatttactgagccttcaatctcacacacagtaaatcccaa
 gtaacagcaactaaatatgatgcgtaataatcctatcctttgtactgtgttgac
 ctggattcaagactgtgttgatatttttcaatactgatggcccagagaagcaaa

Seq. ID No. 11

gggtggagaggaaagataggagtagcaggtggaggagtgggagaaatggttttta
 gtcattgatggcccatgggcaagggttcttcggatggcaccattaggcaccttctg
 atagcgtcattatgcacctgccatcag**GTGTACGTCCGTGCCATGACTGAGTACT**
GGCCCCAGGAGGATCCCGACATCCCCTGCATGGACGCTGGATTGCCTTTCCAGAA
GGGGGACATCCTCCAGATTGTGGACCAGAATGATGCCCTCTGGTGGCAGGCCCGA
AAAATCTCAGACCCTGCTACCTGCGCTGGGCTTGTCCCTTCTAACCACCTTCTGA
AGAGgtaaggaacgtcaccactcctggactcagggctgaaccatcaggaaacaaa
 atgttttcttgggtttctgttacctcaagatgagataaagaggggacaagcagat
 gaatgaac

Seq. ID No. 12

atttggagaagcaatcacccttttcaattgagtgaaggcagcagaattctaagaa
 acattctgtttgtcgttgctctgggtctgtttcatctaggttaacaaagagtgg
 ttttgtttgtttttgtcgcattggtttttcccccccatag**GAAGCAACGGGAAT**
TCTGGTGGTCTCAGCCGTACCAGCCTCACACCTGCCTCAAGTCAACCCTATgtga
 gtattgcaactgcccagacaggttcttctcgttttgcaataaagaccatggcattgc
 agtaaataaagagtctaattgatgtgaggctggccatgccacatg

Seq. ID No. 13

cttactaaatcttccctgaatttctagagaataaaccagaataactaattacaat
 aatttttgcacattacatttcttattgtaaattaatctgagaaaatatagtacag
 atactgtgttctttttatccccctgcttcaatcatttgcttgtactcag**CAATT**
TCTATGGAAGAAGgtaagaaatagtatttaggaaaaaactcttatctccaaagtc
 ttttagaaatttcttgtagttaaagaattcactttaattcagttcagctattta
 ttaagctcttcctatatacctagtagtgatagtcattattaag

Seq. ID No. 14

catggtttcccatgtcgggtcaagttggtctcgaactcttgatctcagggtgatcc
 gccgcctcggcctcccagagtgtcgggatcacaggcatgagccaccatgcctgg
 ccgggaattttctttttaatgcagacacatttttaaattctgtttctcctttcta
 tactcttttatag**AAGATGACATGAAGATTGATGAGAAATGTGTGGAAGCAG**gta
 acattttctcttgattgctttgctgttagaagaaatatgaagcatgtcaattata
 gattatctgaagcagaggtgtccaaaggggcatgggcctttcctctagaaatgt
 gtaaaatgaccctccacccccatctatcttctgtagtctcggcacttggaagga

Figure 6d**Seq. ID No. 15**

gtggtgatgtgggcagaagtaggggccagagaattagacttaaaatatagactcag
 ttagatgggtcatgtaataacatttttgatttttgccatgaaaaatcatag**A**
TGAAGAAACATTTGAATCTGgtaagtaaaaaatgagtatttggtactgattttta
 aatgtatattctaaattttgatgcaatttatacacatatttataataactgttta
 aatatatcaacattaaaaaattaaaaagtaactgcgtgtatcccatcatgttg
 tcaacctcaaatatacattataaaaatttttttaatttttaattt

Seq. ID No. 16

cagtcccaatcatgtggtgatcatttgccttgccaggccttaccagagttacctt
 ttgctagtgggtgacgtgcacgtcttgcttatgtcatttgccttgatttgatggct
 aacatgatcttcttaaaggcttaactttttcatgtctgtttctgcacttacccaa
 atatccag**AGGAACTTTCAGAAG**gtaattgtttttatttccatagatataccaaat
 agaactatgtttaagatctttcagtgcctcaaaaatgaatacttgactggataat
 gtttaagatgaagatacgggaatttggtgttggttatgggttttccc

Seq. ID No. 17

ataggatgaaaaatgcttagaacattcggtgagccactcaaggataaattcaact
 ctgctgccgtctactaagggtggtcacttgaaaagttgaaaatgatttcatgaatt
 tattctgaataaacttctcgctctcacatattctgctccatctgttctttgtgtt
 tcag**ACAAGGAGGAGTTTGTGGCTACGGTCAGAAGTTCTTTATAG**gtaggtgat
 aaattaacaagaggtgggtctctgtcacttggttaaattatgtttccaaacctgac
 actgttttgaaagtttcttttgctaataaacatttccagacctgt

Seq. ID No. 18

cccaagacaatgcctggcccagagcaggtgctagatgggctagcacagggggcat
 tttcatatttttccctcatattacttcccatcttctaacttcagacagacctgac
 tatattaatgaacactttaggatcatggttgctacatatttcatcaggtgtgaag
 ctacaagtgatctctcctgcctgggttcttacgttctgtgcacttccctccctag
CTGGCTTCCGCCGCAGCATGCGCCTTTGTGCGCAGGAAGTCTCACCTCAGCCCGCT
GCATGCCAGTGTGTGCTGCACCGGCAGCTGCTACAGTGCAGTGGGTGCCCTTAC
GAGGAGGTGGTGAGGTACCAGCGACGCCCTTCAGACAAGTACCGCCTCATAGTGC
TCATGGgtatgtcccagcatgcactgtctctcctcctccttgagaagtcttcctt
 ctagattcaggtgtcttgcatgggaataatggtgaaagtagaactctttatgga
 ccccatatacaataacct

Seq. ID No. 19

ttctgggggttcttccaatttatgagaaaggaagttacataatttccctaaaaata
 tttgctctcaagtttcttcagtagaaggactaaaatgataattccatcacataat
 tatatttatccacatctgatgatttctgtgtgtgactttttgtgttttag**GACCTT**
CTGGTGTGGAGTAAATGAGCTCAGAAGACAATTATTGAATTTAATCCAGCCA
TTTTCAAAGTGCTGTGCCACgtatgttttagttctgctttcataatgggtttgtgtt
 ttggtaaaactttctttgctgatctcatttaactatgtcattccatctttgtgtg
 aaaagtatacaacaccagggatagttcttaagtatttctaaccatattttattt

Figure 6e

Seq. ID No. 20

tcagtaaagggtttatagactaactgatttttgatacgagaacttatcaccaattca
 ggcttcttcttttttagttctagcatttttatctccttgattatatattcatttatt
 ttttttgattagatatctttattcaaatgcatattggtaatcaaagaattctgaa
 gacactgaaaccttttcattccctttttctgatag**ACACTACTCGTACTAAAAAGA**
GTTACGAAATGAATGGGCGTGAGTATCACTATGTGTCCAAGGAAACATTTGAAAA
CCTCATATATAGTCAACAGgtaaagtagagggttcagaagctgattcttacctcttg
 ttgttttacatttgaaatagattccctatttttatgtattttccaaatctcctgg
 gtaattccttttgtttctgaggaggttaagcaagaaatgtacatcgatatacagca
 caccaact

Seq. ID No. 21

atctattcattctttctgtgttaataaagtccacatatttatattcaactctagt
 gcagtttatcctcatgttactactaataatattttccttgtagaaagtgttctgt
 tttgtttggcctgctcttgccag**GATGCTGGAGTATGGTGAGTACAAAGGCCACCT**
GTATGGCACTAGTGTGGATGCTGTTCAAACAGTCCTTGTGGAAGGAAAGATCTGT
GTCATGGACCTAGAGCCTCAGgtgggtccatgggtggaatatttatgtccccaac
 aatgaatgcgtatcatccattttttgtgcacatgctgtagggttatagttgagaca
 tttattctgttagccttttaagaataaggccatttcccatatataagatcttact
 taacgtgtcaattgacaacattttacttttagttgggaaagaagtcttgcttctc
 agacagaa

Seq. ID No. 22

agctacttgggaggctgagatgggtggatcgtttgagcctgggaagctgaggcta
 cagtgaactgtgattgcaccacagcactccagcctgggtgacagagcaagaccat
 gtctcaaaacaaaacaaaacaaaaataaatgtgcatttaaattttctgtgtag**GA**
TATTC AAGGGGTTCGAACCCATGAACTGAAGCCCTATGTCATATTTATAAGCCA
TCGAATATGAGGTGTATGAAACAATCTCGGAAAAATGCCAAGGTTATTACTGACT
ACTATGTGGACATGAAGTTCAAGgtaagagcaagtcaaaaactactgtattgctt
 tcagtggcttctgcgtgggagagatctgggttgggctgggccaaggatctctgat
 ctcatgtcctcctcctcctttttgacccctctccaaaaggccctcaataaaat
 gggttact

Seq. ID No. 23

ttttctagtttgctgggtttgtagaattttgaaaaaatatttttgaaactttatt
 gaaaatcatctgtgcaaaattttcggaccttactgtttttatacatagtttcaca
 actgaatgtgacagcataaacaactgtattttttccatttgtccaattaagtctg
 tactatccatatttttctattttctcctaaag**GATGAAGACCTACAAGAGATGGAA**
AATTTAGCCCAAAGAATGGAACTCAGTTTGGCCAATTTTTTGATCATGTGATTG
TGAATGACAGCTTGCACGATGCATGTGCCAGTTGTTGTCTGCCATACAGAAGGC
TCAGGAGGAGCCTCAGTGGGTACCAGCAACATGGATTTCCTCAGATACTGAGTCT
CAATGAGACTTCTTGTTTAATGCTGGAGTTTAACTGTACCTTGATACAGCG
ATCCATAGTTGCAATCTAAAACAACAGTATTTGACCCATTTTAATGTGTACAAC
TAAAAGTGCAGCAATTTATTAATTAATCTTATTTGAAAAAATTTTTATTGTAT
GTTATGTGGTTACCTATTTTAACCTAATTTTTTTTCTTTACCTCATATGCAGC
TGTGGTAGAAATATGAATAATGTTAAGTCACTGAGTATGAGAACCTTTTCGCAGAT
TTACATGATCTTTTTAAGATTTAATAAAGAGCTTTCCTAAAT

Figure 7**Seq. ID No. 24**

MIQSDKGADPPDKKDMKLSTATNPQNGLSQILRLVLQELSLFYSRDVNGVCLLYD
 LLHSPWLQALLKIYDCLQEFKEKKLVPAATPHAQVLSYEVVELLRETPTSPEIQEL
 RQMLQAPHFKALLSAHDTIAQKDFEPLLPDPNIPESEEAMRIVCLVKNQQPLG
 ATIKRHEMTGDILVARI IHGGLAERSGLLYAGDKLVEVNGVSVEGLDPEQVIHIL
 AMSRGTIMFKVVPVSDPPVNSQQMVYVRAMTEYWPQEDPDI PCMDAGLPFQKGD I
 LQIVDQNDALWWQARKISDPATCAGLVPSNHL LKRKQREFWWSQPYQPHTCLKST
 LSISMEEEDDMKIDEKCV EADEETFESEELSEDKEEFVGYGQKFFIAGFRRSMRL
 CRRKSHLSPLHASVCCTGSCYSAVGAPYEEVVRYQRRPSDKYRLIVLMGPSGVGV
 NELRRQLIEFNPSHFQSAVPHTTRTKKSYEMNGREYHYVSKETFENLIYSHRMLE
 YGEYKGHLYGTSVDAVQTVLVEGKICVMDLEPQDIQGVRTHELKPYVIFIKPSNM
 RCMKQSRKNAKVI TDYYVDMKFKDEDLQEMENLAQRMETQFGQFFDHVIVNDSLH
 DACAQLLSAIQKAQEEPQWVPATWISSDTESQ

Seq. ID No. 25

ATAAACATTGGGCTGCACATAGAGACTTAATTTTAGATTAGACAAAATGGAAT
 TATTTTCATCAAACTATTCATTTTATTGACTTTAGCCACTTCAAGCTTGTTAACA
 TCAAACATTTTTTGTGCAGATGAATTAGTGATSTCCAATCTTCACAGCAAAGAAA
 ATTATGACAAATATTTCTGAGCCTAGAGGATACCCAAAAGGGGAAAGAAGCCTCAA
 TTTTGAGGAATTAAAAGATTGGGGACCAAAAAATGTTATTAAGATGAGTACACCT
 GCAGTCAATAAAATGCCACACTCCTTCGCCAACTTGCCATTGAGATTTGGGAGGA
 ACGTTCAAGAAGAAAGAAGTGCTGGAGCAACAGCCAACCTGCCTCTGAGATCTGG
 AAGAAATATGGAGGTGAGCCTCGTGAGACGTGTTCTAACCTGCCCCAAAGGTTT
 GGGAGAACAACAACAGCCAAAAGTGCTGCAGGATGCTGAGTGATTTGTGTCAAG
 GATCCATGCATTACCATGTGCCAATGACTTATTTTACTCCATGACCTGCCAGCA
 CCAAGAAATCCAGAATCCCGATCAAAAACAGTCAAGGAGACTGCTATTCAAGAAA
 ATAGATGATGCAGAATTGAAACAAGAAAAATTAAGAAACCTGGAGCCTGTCCCTAA
 AGCTGTGGCCTGTAATCTACAAATGGCTCTATAGCGAAGACCACACGGAAGAGTA
 GCTACATACACTTCATCAGCTATGGATCATCAACGGCAATTTTTCCTTGTCAGTA
 CAGCTATAATAGTATCTTGAAAGTTGTAAAAAAATTAAAGCATATTTGTTACGTA
 AAGTTAAAATGATTTTTGTCTGAATAAAAAAAAGCATTGCAAATGCTTTAGAAA
 TCTCTGATAATGGAGAGAGAGACAGAGGACCCTCCTCACTACCCTATATAAAAAT
 CATTGGCACAGTTACACTTAATAAAAAAAATTAAACAGAAGAGCACCCCTGAAAAA
 CATTATGATGGAAATTAAATAGTATGCCAGAATAACATGGTTGACAAATAAGTGA
 ACAAGGATTAATAAATCACTTACAAACGTGTTTCTGTACACCCTTTCTATCGTGTC
 AAATGTTAATGAATCTGTGATCAATTGAAATGTAAATGTCTGTGTAAACTACAA
 AATAAAAACTCTTAGACTTTAGGGAGAAAAGAAAA

Figure 8**Seq. ID No. 26**

ATAAACATTGGGCTGCACATAGAGACTTAATTTTAGATTTAGACAAAATGGAAAT
 TATTTTCATCAAACTATTCAATTTTATTGACTTTAGCCACTTCAAGCTTGTTAACA
 TCAAACATTTTTTTGTGCAGATGAATTAGTGATSTCCAATCTTCACAGCAAAGAAA
 ATTATGACAAATATTCTGAGgtaagtttttttaaattctctctaattgtgagtagcat
 taattacataatattaatcctaagtcctaattgatttt

Seq. ID No. 27

gggttttaaattctgttgcttataacaacagtatgttattgtaattggtcattttctaa
 ttatagCCTAGAGGATACCCAAAAGGGGAAAGAAGCCTCAATTTTGAGGAATTAA
 AAGATTGGGGACCAAAAAATGTTATTAAGATGAGTACACCTGCAGTCAATAAAAT
 GCCACACTCCTTCGCCAACTTGCCATTGAGATTTGGGAGGAACGTTCAAGAAGAA
 AGAAGTGCTGGAGCAACAGCCAACCTGCCTCTGAGATCTGGAAGAAATATGGAGG
 TGAGCCTCGTGAGACGTGTTCTTAACCTGCCCAAAGGTTTGGGAGAACCAACAAC
 AGCCAAAAGTGTCTGCAGGATGCTGAGTGATTGTGTCAAGGATCCATGCATTCA
 CCATGTGCCAATGACTTATTTTACTCCATGACCTGCCAGCACCAAGAAATCCAGA
 ATCCCGATCAAAAACAGTCAAGgtaaataacctggaaaccagtcaaagtgcatggg
 cagttatatagaggtgg

Seq. ID No. 28

acacaattcaactcaagtataattaggcagttaggactatggccttgatatttgat
 acacacttgcatgctgttggttctgatgggtgacaacattttatactgcttacatt
 ttagGAGACTGCTATTCAAGAAAATAGATGATGCAGAATTGAAACAAGAAAAATA
AGAAACCTGGAGCCTGTCCCTAAAGCTGTGGCCTGTAATCTACAAATGGCTCTAT
AGCGAAGACCACACGGAAGAGTAGCTACATACACTTCATCAGCTATGGATCATCA
ACGGCAATTTTTCTTGTGAGTACAGCTATAATAGTATCTTGAAAGTTGTAAAAA
AATTAAAGCATATTTGTTACGTAAAGTTAAAAATGATTTTTGTCTGAATAAAAAA
AAGCATTGCAAATGCTTTAGAAATCTCTGATAATGGAGAGAGAGACAGAGGACCC
TCCTCACTACCCCTATATAAAAAATCATTGGCACAGTTACACTTAATAAAAAAAT
AAACAGAAGAGCACCCCTGAAAAACATTATGATGGAAATTAAATAGTATGCCAGAA
TAACATGGTTGACAAATAAGTGAACAAGGATTAAAAATCACTTACAAACGTGTTT
CTGTACACCCTTTCTATCGTGTCAAATGTTAATGAATCTGTGATCAATTGAAATG
TAAATGTCTGTGTAAAACTACAAAATAAAAACTCTTAGACTTTAGGGAGAAAAGA
 AAAaggcaactatgagttacctcttttagtggtctctctctatctacatccagaa

Figure 9**Seq. ID No. 29**

MEIISSKLFILLTLATSSLLTSNIFCADELVISNLHSKENYDKYSEPRGYPKGER
 SLNFEELKDWGPKNVIKMSTPAVNKMPHSFANLPLRFGRNVQEERSAGATANLPL
 RSGRNMEVSLVRRVPNLPQRFGRTTTTAKSVCRMLSDLCQGSMHSPCANDLFYSMT
 CQHQEIQNPDPQKQSRRLLFKKIDDAELKQEK

Seq. ID No. 30

ACACACAACGGGGTTTCGGGGCTGTGGACCTGTGCCAGGAAAGGAAGGGCGCAGCTCCTGCAATG
 CGGAGCAGCCAGGGCAGTGGGCACCAGGCTTTAGCCTCCCTTTCTCACCTACAGAGGGCAGGCCC
 TTCAGCTCCATTCTCCTCCAAGGCTGCAGAGGGGGCAGGAATTGGGGGTGACAGGAGAGCTGTAAG
 GTCTCCAGTGGGTCAATTCTGGGCCCAGAGATGGGTGCTGAAGCTCCACGCCTGCCTGTGAAAATG
 GAGTCCTCTCTCACCTGGGAGAGCCAGGTGCTGCCCGAGAAGGATGCATTTATGGCTTCRTGAAG
 TCTTTCTGACCCCCG**ATG**CTGCTGACTATAGAGACAAAGTCTCACTATGTTGCTCAGGCTGGTCT
 TGAACCTCTGGCCTCAAGCGATCCTCCACCTYAGCCTCCCAAAGWGTGGGATTATAGACATGAG
 CCACTGCACCTGGCCGACCTTGGGCAAGTTCTTAAACCTTCAAAGCCTCATTTTTCTCCAATCAY
 AAAAGGAAAGATGGTAATATTTCCCCWCCAAATTCTTGTCGGATGCCCTCACAGAATTGAGATT
 ATGTACG**TAA**AACACCAGGTGCCTAACCCGGCACAGAGCAGGAGGGCTAAGCGTGACATCCAGCAC
 GTGGTCAGTGGAATCCAGTATTCCTACCCACCTCTCTAGTCTCCCTCCACCCCTCTCCCTTTTCTAG
 AGGCACCAAGCTGCTTGTGGTCTTGTCTATTCCCACTCCCTGCCTGACTGAACATTTTCTCCACCT
 CCTGATCATCAGCAGCAGAACTGGCTGCTCTTCCTCCTGGGTAGACAGCCAGACTGTATTTCCCA
 GCTGCCCCTGCAGTGAGATGTGGCCATCGGAGCCAGCATTGGCCAATGGACTCTGCATGGGAGTGA
 CGCATGCWGCCTCCAGGCTTGTCCCTAAAACCTCCACGTGTCTCSGCCTGCTCTTCCACYTCC
 AAGGAGCACGGCAATTGTGGAAGACCCAGATTAGTGATGGCAGAACCATAGATGGGAGGAACCTGG
 GTCCCTGACTTAAAGTATCATGGATTTGGATGTTCCCTTAGTGAGAAATAAACTTCCATTGTGTTT
 AAGCCTTTATTTGTTTATAGTTGGTTACAGCAACTGCCTTCTTTTAATTAAACACTCCTGCTGCT

Seq. ID No. 31

MLLTIIETKSHYVAQAGLELLASSDPPTSASQSVGIIDMSHCTWPTLGKFLNPSKPHFSPITKGKDG
 NIFPTKFLSDALTELRLCT

Figure 10**Seq. ID No. 32**

tatatgggaatgagccagctgcaccgctgctgacagtggctgggataatcctccctgagctgttcc
aaggattagtcctgctgcccgtgcccagctcccACACAACGGGGTTTCGGGGCTGTGGACCTGT
GCCAGGAAAAGGAAGGGCGCAGCTCCTGCAATGCGGAGCAGCCAGGGCAGTGGGCACCAGGCTTAG
CCTCCCTTTCTCACCTACAGAGGGCAGGCCCTTCAGCTCCATTCTCCTCCAAGGCTGCAGAGGGG
GCAGGAATTGGGGGTGACAGGAGAGCTGTAAGGTCTCCAGTGGGTCAATTCTGGGCCCAGAGATGGG
TGCTGAAGCTCCCACGCCTGCCTGTGAAAATGGAGTCTCTCTCACCTGGGAGAGCCAGGTGCTGC
CCCGAGAAGGATGCATTTATGGCTTCATGAAGTCTTTCCTGACCCCCGATGCTGCTGACTATAGgt
aagtctgagcaaatctgggggagcctcatcttggcatgagaaagagatggcttcttctaagccac
tgcccgatgacccaggattataacacattctg

Seq. ID No. 33

catgagaggtagtataatatagaggatatgtgtgcttactaagaggctgcctgtctgaccttggac
aagttctttttatattatattatatttttatagAGACAAAGTCTCACTATGTTGCTCAGGCTGGT
CTTGAACTCCTGGCCTCAAGCGATCCTCCACCTTAGCCTCCCAAAGAGTTGGGATTATAGACATG
AGCCACTGCACCTGGCCGACCTTGGGCAAGTCTTAAACCCTTCAAAGCCTCATTTCCTCCAATC
ATAAAAGGGAAAGATGGTAATATTTCCCTCCAAATTCTTgtaagtattaaacattgtatatgta
ttttgaacacgattaagctctaacacttgtaggaagcaggagtagcatttgaaacaaacagctc
tttccac

Seq. ID No. 34

aagtattaaacattgtatatgtatatttgaacacgattaagctctaacacttgtaggaagcagga
gtagcatttgaaacaaacagctcttttccacagGTCGGATGCCCTCACAGAATTGAGATTATGTA
CGTAAAAACACCAGGTGCCTAACCCGGCACAGAGCAGGAGGGCTAAGCGTGACATCCAGCACGTGGT
CAGTGGAAATCCAGTATTCCTACCCACCTCTCTAGTCTCCCCCTCCACCCCTCTCCCTTTCAGAGGCA
CCAAGCTGCTTGTGGTCTTGTCTATTCCCACTCCCTGCCTGACTGAACATTTCTCCACCTCCTGA
TCATCAGCAGCAGAACTGGCTGCTCTTCCTCCTGGGTAGACAGCCAGACTGTATTTCCAGCTGC
CCCTGCAGTGAGATGTGGCCATCGGAGCCAGCATTTGGCCAATGGACTCTGCATGGGAGTGACGCAT
GCTGCCTCCAGGCTTGTCCCTAAACCTCCACGTGTCCTCCGCCTGCTCTTCCCACTTCCAAGGA
GCACGGCAATTGTGGAAGACCCAGATTAGTGATGGCAGAACCATAGATGGGAGGAACCTGGGTCCC
TGACTTAAAGTATCATGGATTTGGATGTTCCCTTAGTGAGAAATAAACTTCCATTGTGTTTAAGCC
TTTATTTGTTTATAGTTGGTTACAGCAACTGCCTTCTTTTAATTAAACACTCCTGCTGCTtcatg
ttgctggaatgcttgtaaccctgcctgtcttcaccagggttaactcctacttggcctttaagtttat
ctctgctgtcacaccgtccagaaagcctt

Figure 11

Seq. ID No. 35

GAAAGTCAGCCATCTGTTACCTGCGTTGCTTCTTGGGGRGGGATAGTCCACCTGGAGGCATTTCGG
 AGACCCAGTGATTGTGCTCCGYGGAGCCTGGGCTGTGCCCCGCGTTGACTGCCTCATAGATACCCCT
 ACGAACCCCAAATGCCAGCTGCATGAGAAAAGGGACTCACCTTCTGGTTCCCTGCCTGGAAGAGGA
 AGAGCTGGCATTGCACAGGAGACGGCTGGACATGTCTGAGGCACTGCCCTGCCCGGGCAAGGAGAC
 CCCCACCCAGGCTGCAGGCTGGGGGCCCTGTATTGGGCTGTGTCCACAATGATCCCACCCAGCT
 CCAAGCCATACTGGATGGTGGGTCTCCCCAGAGGAGGCCACCCAGGTGGACAGCAATGGGAGGAC
 AGGCCTCATGGTCGCATGCTACCACGGCTTCCAGAGTGTTGTGGCCCTGCTCAGCCACTGTCCTTT
 CCTTGATGTGAACCAGCAGGACAAAGGAGGGGACACGGCCCTCATGTTGGCTGCCCCAAGCAGGCCA
 CGTGCTCTAGTGAGTCTCCTGCTCAACTACTATGTGGGCTGGACCTGGAACGCCGGGACCAGCG
 GGGGCTCACGGCGTTAATGAAGGCTGCCATGCGGAACCGCTGTGCTGACCTGACAGCAGTGGAACCC
 TGTTCGGGGCAAGACGGCCCTGGAATGGGCAGTGCTGACCGACAGCTTCGACACCGTGTGGAGGAT
 TCGGCAGCTGCTGAGGCGGGCCCCAAGTGGAGCAGCTTAGCCAGCACTACAAGCCCGAGTGGCCGGC
 CTGTGCCGGCTCGTGGCCAGGCCAGGCCAGGCCAGGTTGCCCTTCACTCCTAGAACGGCT
 GCAGGCTACCTTGAGCCTCCCCTTTGCCCGTCTCCTCAGGAGGGGGTGTTCGGACCACCTTGT
 GACTGCCACAACAGCCTGGCCAGTCCCTTCGTACCACTGCCTGCCACACTCTGTGCCCTGACCA
 TCCACCTTCGCTGGGCACCCGAAGCAAGTCCGTGCCAGAGCTGTTAGTGCCAGCCGAAGCCAGTC
 CTTCAGGACACCAAAGTCTGGCCCTTCTCTCTGCGGATACCAGGAGCTCAGGATAGAGAAGAGGA
 AACAGGAGGAGGAGGCCAGAATGGCACAGAAGTAGGGGAAGATGGGATAGGACAGGCTGGGAACAG
 GTAATCAGGCCCCCTCCCAGGGCTTCTTTCCCCTCTGGAGTGCCCTCCGGCCTCCCATCCACCTCTG
 CCTAAGTAAATCTGCTCTCAACCTATATATATAAAGGTCAATTCATTCTAGCATTGTTTGCAAGAG
 TGAAAAGAGTGGAACACCCGAAGTGTCCATCAGTAAGGGACAGGCTAGATTGATTACGGATGTAAT
 TGCTGTCCATCCATACAGAGCATACTCTACAGTGATTCTAAAATAAGACTAAGGAAGCTGTTTAT
 ATTCTGATATGAAACTACCATCAAGATGTATAAAGTAAAAATAACTAAGGAGTGGAACAGTG

Seq. ID No. 36

GAAAGTCAGCCATCTGTTACCTGCGTTGCTTCTTGGGGRGGGATAGTCCACCTGGAGGCATTTCGG
 AGACCCAGTGATTGTGCTCCGYGGAGCCTGGGCTGTGCCCCGCGTTGACTGCCTCATAGATACCCCT
 ACGAACCCCAAATGCCAGCTGCATGAGAAAAGGGACTCACCTTCTGGTTCCCTGCCTGGAAGAGGA
 AGAGCTGGCATTGCACAGGAGACGGCTGGACATGTCTGAGGCACTGCCCTGCCCGGGCAAGGAGAC
 CCCCACCCAGGCTGCAGGCTGGGGGCCCTGTATTGGGCTGTGTCCACAATGATCCCACCCAGCT
 CCAAGCCATACTGGATGGTGGGTCTCCCCAGAGGAGGCCACCCAGGTGGACAGCAATGGGAGGAC
 AGGCCTCATGGTCGCATGCTACCACGGCTTCCAGAGTGTTGTGGCCCTGCTCAGCCACTGTCCTTT
 CCTTGATGTGAACCAGCAGGACAAAGGAGGGGACACGGCCCTCATGTTGGCTGCCCCAAGCAGGCCA
 CGTGCTCTAGTGAGTCTCCTGCTCAACTACTATGTGGGCTGGACCTGGAACGCCGGGACCAGCG
 GGGGCTCACGGCGTTAATGAAGGCTGCCATGCGGAACCGCTGTGAGTGCGTGGCCACCTCCTCAT
 GGCAGGTGCTGACCTGACAGCAGTGACCTGTTTCGGGGCAAGACGGCCCTGGAATGGGCAGTGCT
 GACCGACAGCTTCGACACCGTGTGGAGGATTCGGCAGCTGCTGAGGCGGGCCCCAAGTGGAGCAGCT
 TAGCCAGCACTACAAGCCCGAGTGGCCGGCCCTTGTCCGGGCTCGTGGCCAGGCCAGGCCAGGC
 CCAGGTTGCCCTTCACTCCTAGAACGGCTGCAGGCTACCTTGAGCCTCCCCTTTGCCCGTCTCC
 TCAGGAGGGGGTGTTCGGACCACCTTGTGACTGCCACAACAGCCTGGCCAGTCCCTTCGTGAC
 CACTGCCTGCCACACTCTGTGCCCTGACCATCCACCTTCGCTGGGCACCCGAAGCAAGTCCGTGCC
 AGAGCTGTTAGTGCCAGCCGAAGCCAGTCCTTCAGGACACCAAAGTCTGGCCCTTCTCTCTGGC
 GATACCAGGAGCTCAGGATAGAGAAGAGGAAACAGGAGGAGGAGGCCAGAATGGCACAGAAGTAGG
 GGAAGATGGGATAGGACAGGCTGGGAACAGGTAATCAGGCCCCCTCCCAGGGCTTCTTTCCCCTCTG
 GAGTGCCCTCCGGCCTCCCATCCACCTCTGCCTAAGTAAATCTGCTCTCAACCTATATATATAA
 GGTCATTCTAGCATTGTTTGCAAGAGTGAAAGAGTGGAACACCCGAAGTGTCCATCAGTAA
 GGGACAGGCTAGATTGATTACGGATGTAATTGCTGTCCATCCATACAGAGCATACTCTACAGTGTA
 TTCTAAAATAAGACTAAGGAAGCTGTTTATATTCTGATATGAAACTACCATCAAGATGTATAAAGT
 AAAAATAACTAAGGAGTGGAACAGTG

Figure 12**Seq. ID No. 37**

MRKGTHLLVPCLEEEELALHRRRLDMSEALPCPGKETPTPGCRLGALYWACVHNDPTQLQAILDGG
 VSPEEATQVDSNGRTGLMVACYHGFQSVVALLSHCPFLDVNQDKGGDTALMLAAQAGHVPLVSL
 LNYVVGDLERRDQRLTALMKAAMRNRCADLTAVDPVRGKTALEWAVLTDSFDTVWRIRQLRRP
 QVEQLSQHYKPEWPALSGSLVAQAQAQVAPSLERLQATLSLPFAPSPQEGGVLDHLVTATSLA
 SPFVTTACHTLCPDHPPSLGTRSKSVPELLVPAAEQSFRTPKSGPSSLAIPGAQDREETGGGGQN
 GTEVGEDGIGQAGNR

Seq. ID No. 38

MRKGTHLLVPCLEEEELALHRRRLDMSEALPCPGKETPTPGCRLGALYWACVHNDPTQLQAILDGG
 VSPEEATQVDSNGRTGLMVACYHGFQSVVALLSHCPFLDVNQDKGGDTALMLAAQAGHVPLVSL
 LNYVVGDLERRDQRLTALMKAAMRNRCECVATLLMAGADLTAVDPVRGKTALEWAVLTDSFDTV
 WRIRQLRRPQVEQLSQHYKPEWPALSGSLVAQAQAQVAPSLERLQATLSLPFAPSPQEGGVLD
 HLVTATSLASPFVTTACHTLCPDHPPSLGTRSKSVPELLVPAAEQSFRTPKSGPSSLAIPGAQDR
 EETGGGGQNGTEVGEDGIGQAGNR

Seq. ID No. 39

GAAAGTCCAGCCATCTGTTACCTGCGTTGCTTCCTGGGGRRGGGATAGTCCACCTGGAGGCATTCCGG
 AGACCCAGTGATTGTGCTCCGYGGAGCCTGGGCTGTGCCCCGCGTTGACTGCCTCATAGATACCCCT
 ACGAACCCCAAGtaagaaaaaacgacgacctctctccgtgagtcctcactg

Seq. ID No. 40

gggataaatgttttccctggggcaagggtgtgcaacttcgcagctgctgggtccctccctaggat
 ccaggagacactcactactcctctccattctgtgttttagATGCCAGCTGCATGAGAAAAGGGAC
 TCACCTTCTGGTTCCTGCTGGAAGAGGAAGAGCTGGCATTGCACAGGAGACGGCTGGACATGTC
 TGAGGCACCTGCCCTGCCCGGGCAAGGAGACCCCCACCCAGGCTGCAGGCTGGGGGCCCTGTATTG
 GGCTGTGTCCACAATGATCCCAACCCAGCTCCAAGCCATACTGGATGGTGGGGTCTCCCCAGAGGA
 GGCCACCCAGGTGGACAGCAATGGGAGGgtgagatgtcctggcttccagaacagctgggggcatc
 ttgcatccccaccacaccgtcctggcctggctccctgagaggggttcaggggcaataacctcctgc

Seq. ID No. 41

ctctgggacagatatgggttagagggtgcaaggggccctggagtggcccagggggaaagcagggg
 atctgagctgccccctccctcagACAGGCCCTCATGGTCGCATGCTACCACGGCTTCCAGAGTGTGT
 GGCCCTGCTCAGCCACTGTCTTTCTTGTGATGTGAACCAGCAGGACAAAGGAGGGGACACGGCCCT
 CATGTTGGCTGCCCAAGCAGgtgtgaggtgtgtgacccccacttccgacagcccccttttgatgca
 gacagggcctcagccccacccttgttgacggtgttctacacca

Seq. ID No. 42

tcataccccctttcctggggaccaagcttacccttgtgcccctgcagGCCACGTGCCTCTAGTGA
 GTCTCCTGCTCAACTACTATGTGGGCCTGGACCTGGAACGCCGGGACCAGCGGGGGCTCACGGCGT
 TAATGAAGGCTGCCATGCGGAACCGCTgtgagtgctggccaccctcctcatggcaggtgtgcggg
 gcctggaccggggtgtgtggcctccagtcctc

Seq. ID No. 43

tcataccccctttcctggggaccaagcttacccttgtgcccctgcagGCCACGTGCCTCTAGTGA
 GTCTCCTGCTCAACTACTATGTGGGCCTGGACCTGGAACGCCGGGACCAGCGGGGGCTCACGGCGT
 TAATGAAGGCTGCCATGCGGAACCGCTGTGAGTGCGTGGCCACCCTCCTCATGGCAGgtgtgcggg
 gcctggaccggggtgtgtggcctccagtcctc

Figure 13**Seq. ID No. 44**

aatgtaaccacatcagtccttgcctcctaaagaatctgcccttccacaaatcaccaacccctatccc
 gccccatgtcaccacctgtgtccttcccagGTGCTGACCTGACAGCAGTGGACCCTGTTCCGGGGC
 AAGACGGCCCTGGAAATGGGCAGTGTGACCGACAGCTTCGACACCGTGTGGAGGATTCCGGCAGCTG
 CTGAGGCGGCCCCAAGTGGAGCAGCTTAGCCAGCACTACAAGCCCGAGTGGCCGGCCCTTGTCGGG
 CTCGTGGCCCAGGCCCAGGCCCAGGCCCAGGTTGCCCCCTCACTCCTAGAACGGCTGCAGGCTACC
 TTGAGCCTCCCCCTTGCCCCGTCTCCTCAGGAGGGGGGTGTTCTGGACCACCTTGTGACTGCCACA
 ACCAGCCTGGCCAGTCCCTTCGTCAACCACTGCCCTGCCCACTCTGTGCCCTGACCATCCACCTTCG
 CTGGGCACCCGAAGCAAGTCCGTGCCAGAGCTGTTAGgtactgccccgccccctccccctggtccc
 cagtccccgccaggaggagtcctccagaggtccccgtgggtcttcgtccccctaccagagccct

Seq. ID No. 45

ccaaggcatcctcatcctcccaccagTGCCAGCCGAAGCCCAGTCCTTCAGGACACCAAAGTCTGG
 CCCTTCCTCTCTGGCGATACCAGGAGCTCAGGATAGAGAAGAGGAAACAGGAGGAGGAGGCCAGAA
 TGGCACAGAAGTAGGGGAAGATGGGATAGGACAGGCTGGGAACAGGTAATCAGGCCCCCTCCAGGG
 CTTCTTTCCCTCTGGAGTGCCTCCGGCCTCCCCATCCACCTCTGCCTAAGTAAATCTGCTCTCAA
 CCTATATATATACAAGGTCATTCTAGCATTGTTTGCAAGAGTGAAAGAGTGGAACACCCGA
 AGTGTCCATCAGTAAGGGACAGGCTAGATTGATTACGGATGTAATTGCTGTCCATCCATACAGAGC
 ATACTCTACAGTGTAATTCTAAAATAAGACTAAGGAAGCTGTTTATATTCTGATATGAACTACCAT
 CAAGATGTATAAAGTAAAAATAACTAAGGAGTGGAACAGTG